| Inde | ex of Claims |
|------|--------------|
|      |              |
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|      |              |
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| Application No. | Applicant(s)   |    |
|-----------------|----------------|----|
| 10/613,408      | ADAMS, RICHARD | L. |
| Examiner        | Art Unit       |    |
| Sarah Purol     | 3634           |    |

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|                 |                | _         |            |          |  | _  | J  |                | Ц.   | ـــــــ         |
|-----------------|----------------|-----------|------------|----------|--|--|--|----------------|--|-----------------|
| Cla             | im             | Τ_        | -          |          |  | Dat  | _  |                |  | _               |
| <del>اٽ</del> ا |                | <b>b</b>  | 11.        | r        | Т  |  | Ť  | 1              | т  | Т               |
| ا ـ             | Original       | 08/37     | 1          | l        |  | ı  | l  |                | l  | ŀ               |
| Final           | ğ              | 39        | 1          | 1        |  | l  | ı  |                | l  |                 |
| "               | ŏ              | Z.        | KS         |          |  | 1  |  | 1              |  |                 |
| <u> </u>        |                | <u>77</u> | ۲          | <u> </u> | ┡  | ┞-   | ┡  | ┞-             | ļ.,  | <u> </u>        |
| نــــــا        | 1              | ~         | Ľ          | Ł        | ▙  | <u> </u>   | L  | L              | <b>!</b>   | L               |
|                 | 2              | 7         | V          |          | _  | ┖  | <u> </u>   | ┞_             | <u> </u>   | <u> </u>        |
|                 | 3_             | 8         | 2          | ᆫ        | L  | L  | ┖  | _              | ┖  | Ш               |
|                 | 5              | 0         | 3          | L        |  |  |  | $oxed{oxed}$   |  |                 |
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|                 | 6              | <b>V</b>  | V          |          | 上  | L  | L  | <u> </u>       |  |                 |
|                 | 7              | <b>V</b>  | ~          |          |  |  |  |                | Ľ  | <u> </u>        |
|                 | 8              |           | V          |          |  |  |  | L              |  |                 |
|                 | 9              | O         | •          |          |  |  |  |                |  |                 |
|                 | 10             | <b>V</b>  | V          |          |  | Γ  |  |                |  |                 |
|                 | 11             | V         | ý          |          |  | Г  | Γ  | Γ              | Γ  |                 |
|                 | 11<br>12       | V         | 7          |          |  |  |  |                |  |                 |
|                 | 13             | V         | V          |          | Г  |  |  | Г              | Π  | П               |
|                 | 14             | V         | V          |          |  |  |  |                | Г  |                 |
|                 | 1 15           | ٧<br>٧    | V          | Г        | Γ  |  | Ī  | Г              |  | T-              |
|                 | 16<br>17       | V         | V          |          | Г  | 1  | $\vdash$   |                |  | П               |
|                 | 17             | ٧         | 7          | $\vdash$ | <del>                                     </del> | <b>—</b>   | <b>†</b>   | <u> </u>       | <b>†</b>   | П               |
|                 | 18             | 0         | 3          | T        | Т  | ┢┈   | Ι-   | t              | 1  | $\vdash$        |
|                 | 18<br>19       | 0         | 7          | ┢        | ┢  | t  | $\vdash$   | $\vdash$       | Н  | _               |
|                 | 20             | 7         | 1          | _        |  | 1  | H  |                | 1-   | Т               |
|                 | 21             | Ħ         |            |          | H  | t  | H  | $\vdash$       | ┪  |                 |
|                 | 21<br>22       | Н         |            | $\vdash$ | H  | ┢  | ┢  | <del>  -</del> | ┢  | H               |
|                 | 23             |           | Н          | $\vdash$ | $\vdash$   | Н  | $\vdash$   | ├─             | ╁  | Н               |
| <b>-</b>        | 24             | -         | $\vdash$   | _        |  |  | H  | H              | <del>  -</del>                                   | Н               |
|                 | 23<br>24<br>25 | $\vdash$  | Н          | _        | ┢  | t  |  | H              | $\vdash$   | Н               |
|                 | 26             | Н         |            | $\vdash$ | ┢  | t  | 1  | $\vdash$       | ┢  | Н               |
|                 | 26<br>27       |           |            | $\vdash$ | Н  |  | _  | ┢              | H  | Н               |
|                 | 28             |           |            | _        | $\vdash$   | <del>                                     </del> | $\vdash$   | Н              | H  | Н               |
|                 | 28<br>29<br>30 | П         |            |          |  | <del>                                     </del> | Т  |                | ┢  | Н               |
|                 | 30             | Н         | _          |          | $\vdash$   | 1  | H  |                | ┪  | Н               |
|                 | 31             | Н         |            | $\vdash$ | _  | Т  | H  | _              | $\vdash$   | Н               |
|                 | 32             | Н         |            | -        | $\vdash$   | H  | ┢  |                | $\vdash$   | Н               |
|                 | 33             | Н         | Н          |          | Н  | $\vdash$   | t –  | Н              | $\vdash$   | Н               |
|                 | 34             | ┥         | H          |          | -  | <del> </del>                                     | ┢  | ┢              |  | Н               |
|                 | 35             | Н         | Н          | Н        | Ι  | <del>  -</del>                                   | $\vdash$   | $\vdash$       | H  | Н               |
| ٠,              | 36             | $\vdash$  | Н          |          | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$       | H  | Н               |
|                 | 37             | H         | Н          | $\vdash$ | $\vdash$   | $\vdash$   | <del>                                     </del> | H              |  | Н               |
|                 | 38             | Н         | $\dashv$   | $\vdash$ | $\vdash$   | $\vdash$   | <del>                                     </del> | ┢╾             | $\vdash$   | $\dashv$        |
| -               | 39             | Н         | $\dashv$   | —        |  | H  | -  | $\vdash$       | $\vdash$   | $\vdash\vdash$  |
|                 | 40             | $\vdash$  | $\vdash$   |          | _  | ⊢  | $\vdash$   | $\vdash$       | ┢  | $\vdash$        |
|                 | 41             | H         | $\vdash$   |          | $\vdash$   | $\vdash$   | $\vdash$   | <del> </del>   | <del>                                     </del> | $\vdash \vdash$ |
|                 | 42             | Н         | $\dashv$   | -        | $\vdash$   | <del> </del>                                     | $\vdash$   |                | H  | $\dashv$        |
| -               | 43             | Н         | $\vdash$   | -        | H  | $\vdash$   | $\vdash$   | -              | $\vdash$   | $\vdash\vdash$  |
|                 | 44             | $\vdash$  | $\dashv$   | Н        | H  | $\vdash$   | $\vdash$   | <b>-</b>       | $\vdash$   | $\dashv$        |
| _               | 45             | Н         | -          |          | Н  | $\vdash$   | H  | $\vdash$       | H  | $\dashv$        |
|                 | 46             | $\vdash$  | $\dashv$   | ᅱ        | -  | -  | H  | $\vdash$       | Н  | Н               |
| -               | 47             | $\vdash$  | $\dashv$   |          | -  | $\vdash$   | Н  | -              | Н  | $\vdash$        |
|                 | 48             | Н         | $\dashv$   | ᅱ        | -  | $\vdash$   | Н  |                | $\vdash$   |                 |
|                 | 49             | $\dashv$  | $\dashv$   | ᅱ        | _  | $\vdash$   | Н  | $\vdash$       | Н  | $\dashv$        |
| $\rightarrow$   | 43             | _         | <b>-</b> ∔ | _        |  |  |  |                | $\Box$   |                 |

|                        |          | T            |          |          |            |              |          |              |          |              |
|------------------------|----------|--------------|----------|----------|------------|--------------|----------|--------------|----------|--------------|
| CI                     | aim      | Date         |          |          |            |              |          |              |          | ı —          |
| Final                  | Original |              |          |          |            |              |          |              |          |              |
|                        | 51       |              | Г        |          |            |              |          |              |          |              |
|                        | 52       |              |          |          |            |              |          |              |          |              |
|                        | 53       |              |          |          |            |              |          |              |          |              |
|                        | 54<br>55 | L            | L        | L        | <u>L</u>   | L            |          |              | L        | <u> </u>     |
| <u></u>                | 55       | _            | L        | L        | <u> </u>   | L            | L        | L            | 乚        | _            |
| <u></u>                | 56       | ╙            | ╙        | ╙        | ╙          | ᆫ            | ᆫ        | ᆫ            | ┖        | ╙            |
| <u> </u>               | 57       | ↓_           | ļ        | ļ        | <u> </u>   | <b> </b> _   | <u> </u> | L            | _        | ļ            |
| ┝                      | 58       | ⊢            | ╀        | ├—       | ├-         | ╀            | ⊢        | ⊢            | ╀        | ├            |
| $\vdash$               | 59<br>60 | ├            | ├        | ⊢        | ┡          | ┡            | ⊢        | ┝            | ┢        | ⊢            |
| <del> </del>           | 61       | ╁            | ╌        | -        | ╁          | ⊢            | ┼─       | ┢┈           | ⊢        | ⊢            |
| <b></b>                | 62       | 1            | $\vdash$ | ╁╾       | ╁╴         | ╁            | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$     |
| $\vdash$               | 62<br>63 | $\vdash$     | t        | $\vdash$ | $\vdash$   | 1            | $\vdash$ | ╁            | †-       | 1            |
|                        | 64       | $\vdash$     | İΤ       | $\vdash$ | †          | T            | $\vdash$ | t            | +-       | ✝            |
|                        | 64<br>65 | Π            | Τ        | T        | T          | T            | Τ        | T            | T        | T            |
|                        | 66       |              |          | Γ        |            | Γ            |          |              |          | Г            |
|                        | 67       |              |          |          |            |              | Ī.,      |              | Г        | Г            |
|                        | 68       |              |          |          |            |              |          |              |          |              |
| <u></u>                | 69       | Ĺ            |          |          |            |              | L        | L            |          | L            |
| <u> </u>               | 70       | ╙            | ļ        | <u> </u> | <u> </u>   | <u> </u>     | _        | 上            | L        | ㄴ            |
| ┝                      | 71       | <b>!</b>     | ļ.       | <u> </u> | ┡          | ╙            | <u> </u> | ┖            | L        | _            |
| ⊢                      | 72<br>73 | ⊢            | ├-       | ┝        | ⊢          | ┞            | ⊢        | ├-           | -        | _            |
| ├                      | 74       | ╢            | ⊢        | ┢        | H          | ├            | ⊢        | ⊢            | ⊢        | <del> </del> |
|                        | 74<br>75 | ╁╾           | ╁─       | ┢        | ├          | H            | ┢        | ⊢            | ╁        | ╁            |
| $\vdash$               | 76       | H            | $\vdash$ | $\vdash$ | ┪          |              | Н        | 1-           | 一        | <del> </del> |
|                        | 77       |              |          |          |            |              | t        | 1            | Г        | 一            |
|                        | 78       |              |          |          |            |              |          |              |          | 厂            |
|                        | 79       |              |          |          |            |              |          |              |          |              |
|                        | 80       |              |          |          | L          | lacksquare   | L        | <u> </u>     | L        |              |
|                        | 81       | _            | ┖        |          | Ŀ          | <u>_</u>     | L        | $oxed{oxed}$ | L        | 乚            |
|                        | 82       | <u> </u>     | _        | Ь.       | _          | L            | ┡        | <b> </b>     | L        | L            |
| <u> </u>               | 83       | <u> </u>     | -        | <b> </b> | <u> </u>   | L            | L        | _            | $\vdash$ | $\vdash$     |
| <u> </u>               | 84<br>85 | <del> </del> | ⊢        | $\vdash$ | -          | <del> </del> | ├-       | $\vdash$     | -        | $\vdash$     |
| <u> </u>               | 86       | ┝            | ┝┈       | ├        | <u> </u>   | ⊢            | -        | H            | ⊢        | -            |
| <u> </u>               | 87       | ├            | ┢        | ⊢        |            | $\vdash$     | $\vdash$ | ┢╌           | ⊢        | ╌            |
|                        | 88       | -            | ┢        | ┢        | ┢          | $\vdash$     | H        | 1            | ╌        | -            |
| _                      | 89       |              |          | _        | _          | $\vdash$     | ┢        | -            | -        | _            |
|                        | 90       |              |          |          |            |              | Г        | Н            |          |              |
|                        | 91       |              |          |          |            |              |          |              | ŀ        |              |
|                        | 92       |              |          |          |            | $\Box$       |          |              |          |              |
| $oxed{}$               | 93       | Ш            |          | _        | L          | Ц            | L        | Ĺ            |          |              |
| <u> </u>               | 94       | Щ            | Щ        | _        | <u> </u>   | _            | <u> </u> | <u> </u>     | <u> </u> | Ш            |
| <b> </b>               | 95       | _            | _        |          | lacksquare | Н            | L        | <u> </u>     | $\vdash$ | Н            |
| $\vdash\vdash$         | 96       | H            | $\vdash$ | -        | <u> </u>   | Щ            | Н        | $\vdash$     | $\vdash$ | Н            |
| $\vdash \vdash \vdash$ | 97<br>98 | Н            | $\vdash$ | <u> </u> |            | Н            | $\vdash$ | H            | $\vdash$ | Н            |
| -                      | 99       | Н            | $\vdash$ | $\vdash$ | Н          | Н            | -        | $\vdash$     | Н        | Н            |
| $\vdash$               | 33       | щ            | щ        | <u></u>  | Н          | Н            | _        | $\vdash$     | $\vdash$ | ш            |

| CI                     | aim        |          | -        |              | 1        | Date         | e -      |          |          |          |
|------------------------|------------|----------|----------|--------------|----------|--------------|----------|----------|----------|----------|
|                        |            |          |          | П            | Γ        |              | Г        | Γ        |          |          |
| Finat                  | Original   |          |          | )<br>-       |          |              |          |          |          |          |
|                        | 101        |          |          |              |          |              |          |          |          |          |
|                        | 102        |          |          | L            |          |              |          |          | L        |          |
|                        | 103<br>104 | <u> </u> | L        | _            | Ļ        | <u> </u>     | _        | _        | ļ        | <u> </u> |
|                        | 104        | $\vdash$ | L        | ┝            | L        | ├            | <u> </u> | _        |          | _        |
|                        | 105<br>106 | Н        | -        | ┝            | ┝        | ⊢            | -        | -        | -        | ⊢        |
| -                      | 107        | -        | ┝        | -            | -        | ╁            | ┢        | ┝        | ┝        | H        |
|                        | 108        | _        | $\vdash$ | Н            | H        | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | ┢        |
|                        | 109        |          | Г        | 1            | Г        | 1            | $\vdash$ |          |          | <u> </u> |
|                        | 110        |          |          |              |          |              |          |          |          |          |
|                        | 111        |          | L        | L            |          |              |          |          |          |          |
|                        | 112        | _        | $\vdash$ | L            | <u> </u> | ┞            | _        | <u> </u> | L        |          |
| $\vdash$               | 113<br>114 | H        | ⊢        | <del> </del> | <b> </b> | ├-           | ⊢        | $\vdash$ | ⊢        | H        |
|                        | 115        | -        | -        | ⊢            | ┝╌       | ╁            | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ |
| $\vdash$               | 116        | -        |          | ┢╌           |          | ╁            | -        | H        | ┢        |          |
|                        | 117        |          |          | Г            | Т        | T            |          | $\vdash$ | Г        |          |
|                        | 118        |          |          |              |          |              |          |          |          |          |
|                        | 119        |          |          |              |          |              |          |          |          |          |
|                        | 120        |          |          | ļ.,          | _        | L            | <u> </u> | _        | L        | <u> </u> |
|                        | 121<br>122 |          |          | <u> </u>     | L        |              | <u> </u> | _        | L        | <b> </b> |
|                        | 122        | _        | _        | ⊬            | ⊢        | $\vdash$     | ⊢        | ┝        | -        | -        |
| -                      | 123<br>124 |          | _        | ├            | $\vdash$ | $\vdash$     | $\vdash$ | ┝        | ├        | H        |
|                        | 125        | _        | _        | $\vdash$     | ┢        | $\vdash$     | H        | ┢        |          | $\vdash$ |
|                        | 126        |          |          |              |          |              |          |          |          |          |
|                        | 127        | П        |          |              | Ŀ        |              |          |          |          |          |
|                        | 128<br>129 |          |          | L            | _        | $oxed{oxed}$ |          | L        | L        |          |
|                        | 129        | _        | _        | ┡            | L        | _            | -        | <u> </u> | L        | Н        |
| $\vdash$               | 130<br>131 |          | _        | ⊢            | $\vdash$ | H            | $\vdash$ | -        | H        | H        |
| $\vdash$               | 132        |          | _        | ⊢            | Н        | H            | $\vdash$ | $\vdash$ | $\vdash$ | Н        |
|                        | 133        |          | _        |              |          | П            |          |          | _        |          |
|                        | 133<br>134 |          |          |              |          |              |          |          |          |          |
| Ш                      | 135        |          |          | L            |          |              |          |          |          | Ц        |
|                        | 136        | 4        |          | _            |          | $\vdash$     | $\sqcup$ | <u> </u> | $\vdash$ | Ц        |
| -                      | 137        | -        | _        | -            |          | $\vdash$     | $\vdash$ |          | -        | Н        |
| Н                      | 138<br>139 | $\neg$   | _        | _            |          |              | Н        |          | Н        | Н        |
| $\vdash$               | 140        |          |          | Т            |          | Н            |          | _        |          | Н        |
|                        | 141        |          |          |              |          |              |          |          |          |          |
|                        | 142        | $\Box$   |          |              |          | Ц            |          |          |          |          |
| $\sqcup$               | 143        |          |          | Щ            | _        | Н            | Щ        | Щ        | Щ        | Ш        |
|                        | 144        | -        | -        | $\vdash$     | _        | Н            | Н        | _        | Н        | Н        |
| $\vdash \vdash \vdash$ | 146        | -        |          | -            |          | Н            | Н        |          | Н        | $\dashv$ |
| $\vdash$               | 147        | 7        | -        |              | -        | $\vdash$     | Н        | Н        | Н        | $\dashv$ |
|                        | 148        |          |          |              | _        | H            |          |          |          | $\dashv$ |
|                        | 149        |          |          |              |          |              |          |          |          |          |
|                        | 150        |          |          |              |          |              |          |          |          |          |